ABSTRACT

MODIFYING A DATA FILE REPRESENTING A DOCUMENT WITHIN A LINKED HIERARCHY OF DOCUMENTS

5   A data processing system for processing documents that include hypertext links (118, 120) to other documents within a hierarchy of documents. A target document being accessed is searched for components (124, 126) that are present in one or more linked documents higher in the hierarchy than the target document. If such repeated components are identified, then they are removed from the target

10   document. Avoiding repeated components reduces the transmission bandwidth and processing requirements as well as the display requirements for the device accessing the document.